

FIG. 1

EXAMPLE OF DVD-R IN WHICH
PRE-PIT IS FORMED ON LAND TRACK

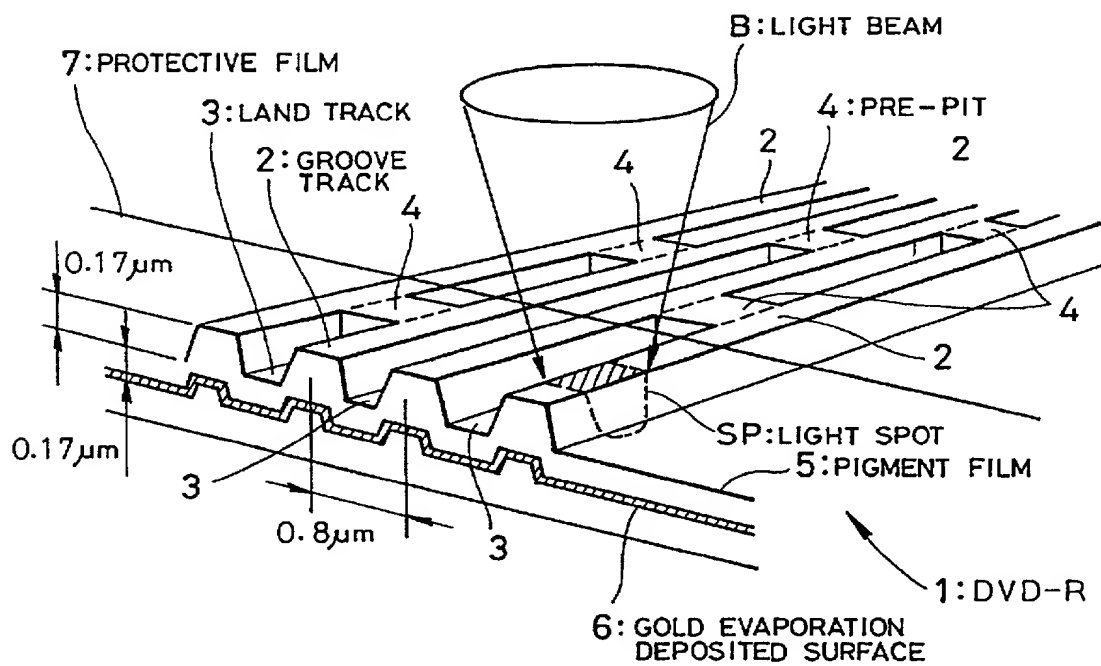


FIG. 2

RECORDING FORMAT OF
PRE-INFORMATION OR
RECORDING INFORMATION

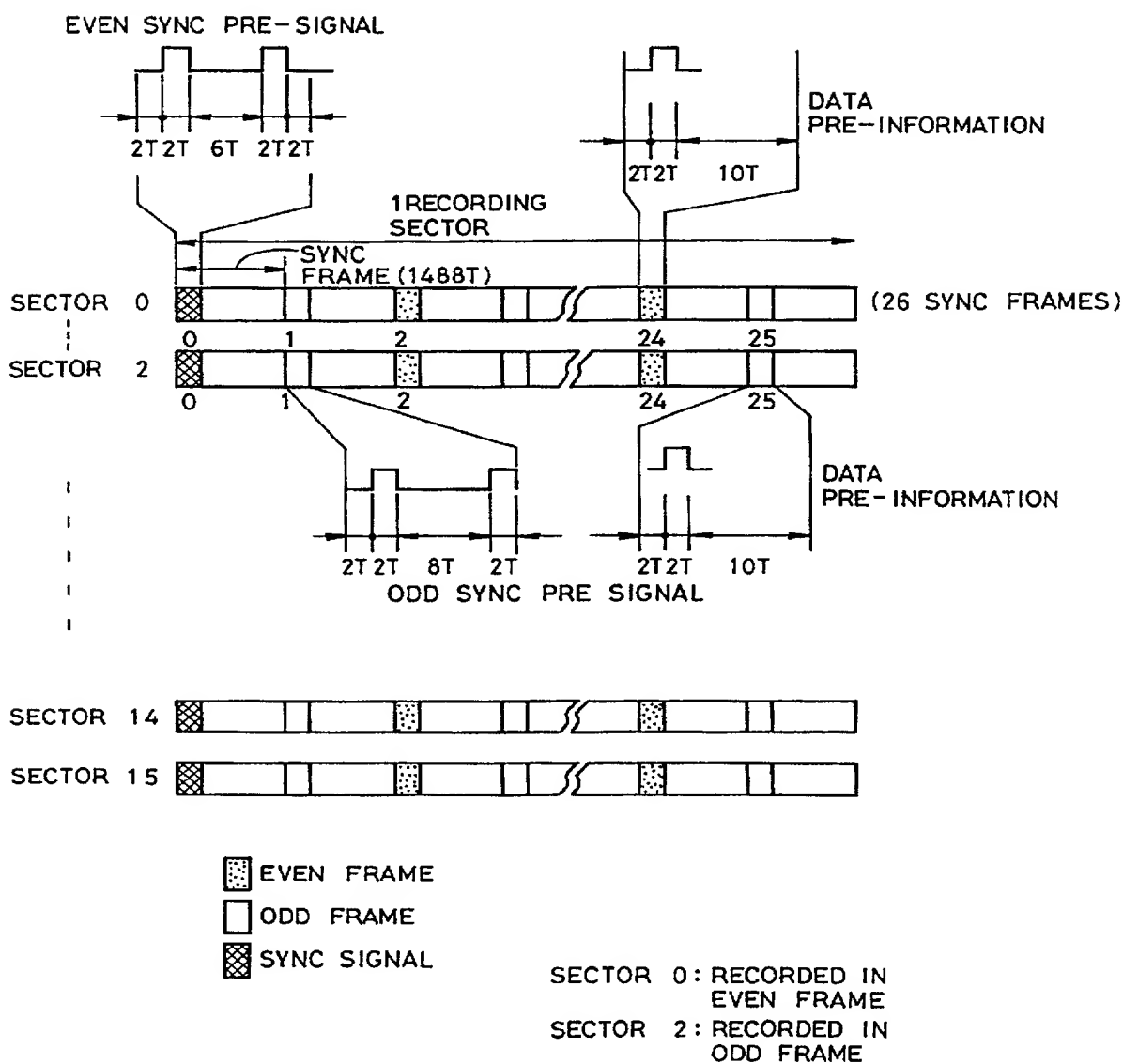
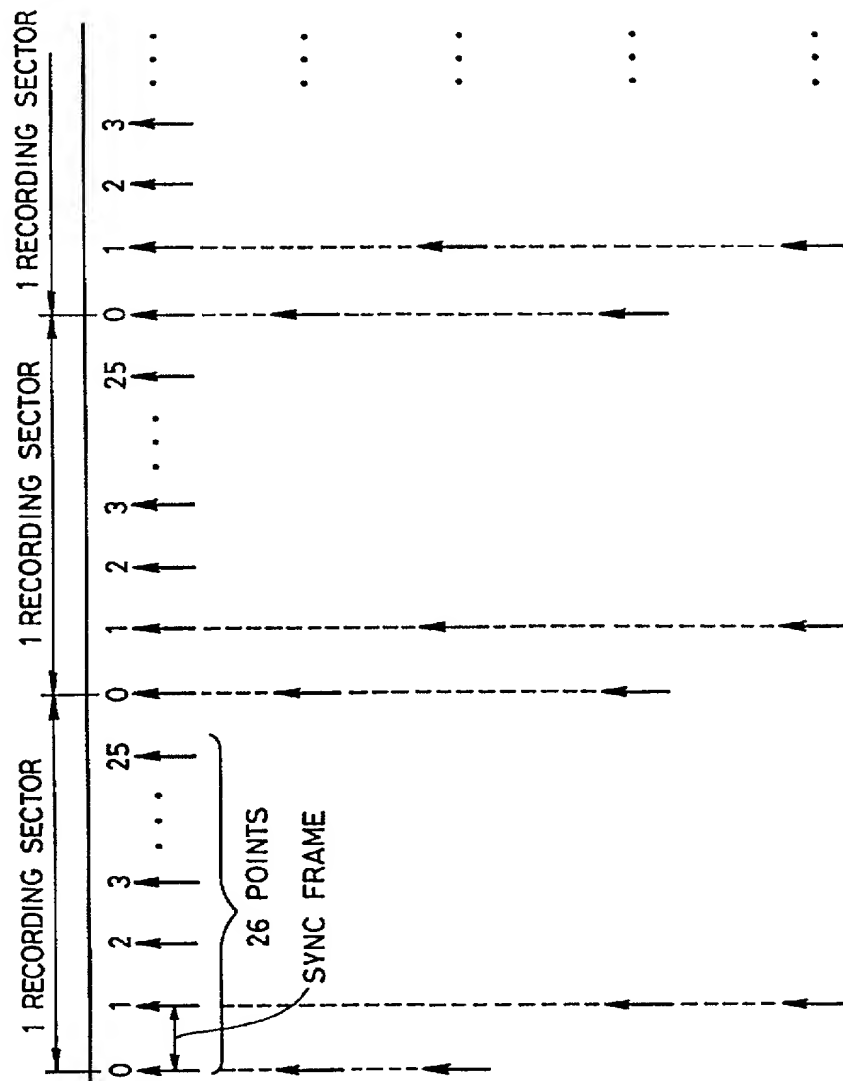


FIG. 3

DETECTION PATTERN OF
SYNC PRE SIGNAL



RECORDING INFORMATION

SYNC PRE-SIGNAL POSITION

SYNC PRE-SIGNAL POSITION
(IN THE CASE OF CONTINUOUS
EVEN FRAME) (PATTERN 1)

SYNC PRE-SIGNAL POSITION
(IN THE CASE OF CHANGING
FROM EVEN FRAME TO ODD
FRAME) (PATTERN 2)

SYNC PRE-SIGNAL POSITION
(IN THE CASE OF CHANGING
FROM ODD FRAME TO EVEN
FRAME) (PATTERN 3)

SYNC PRE-SIGNAL POSITION
(IN THE CASE OF CONTINUOUS
ODD FRAME) (PATTERN 4)

FIG. 4

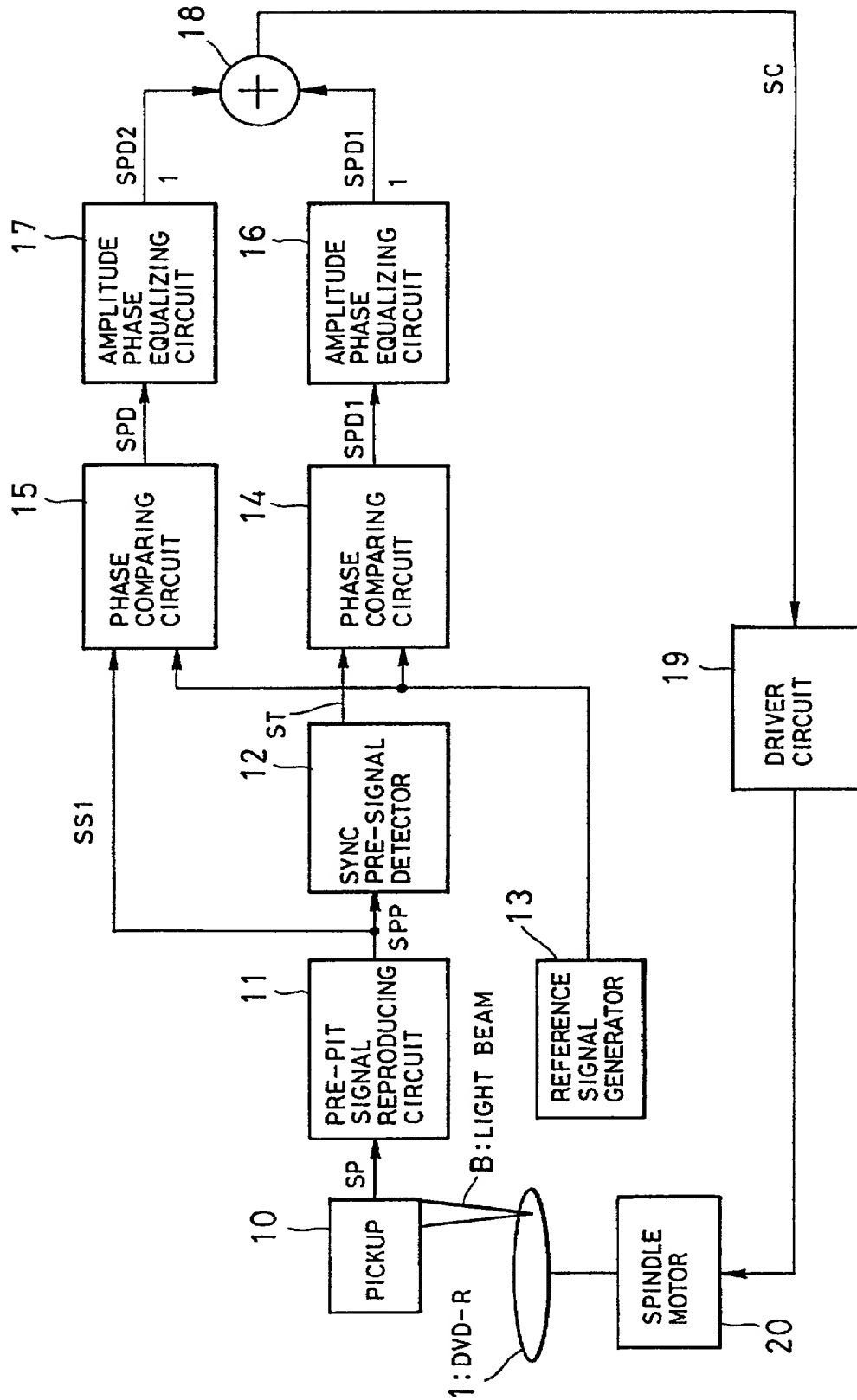


FIG. 5

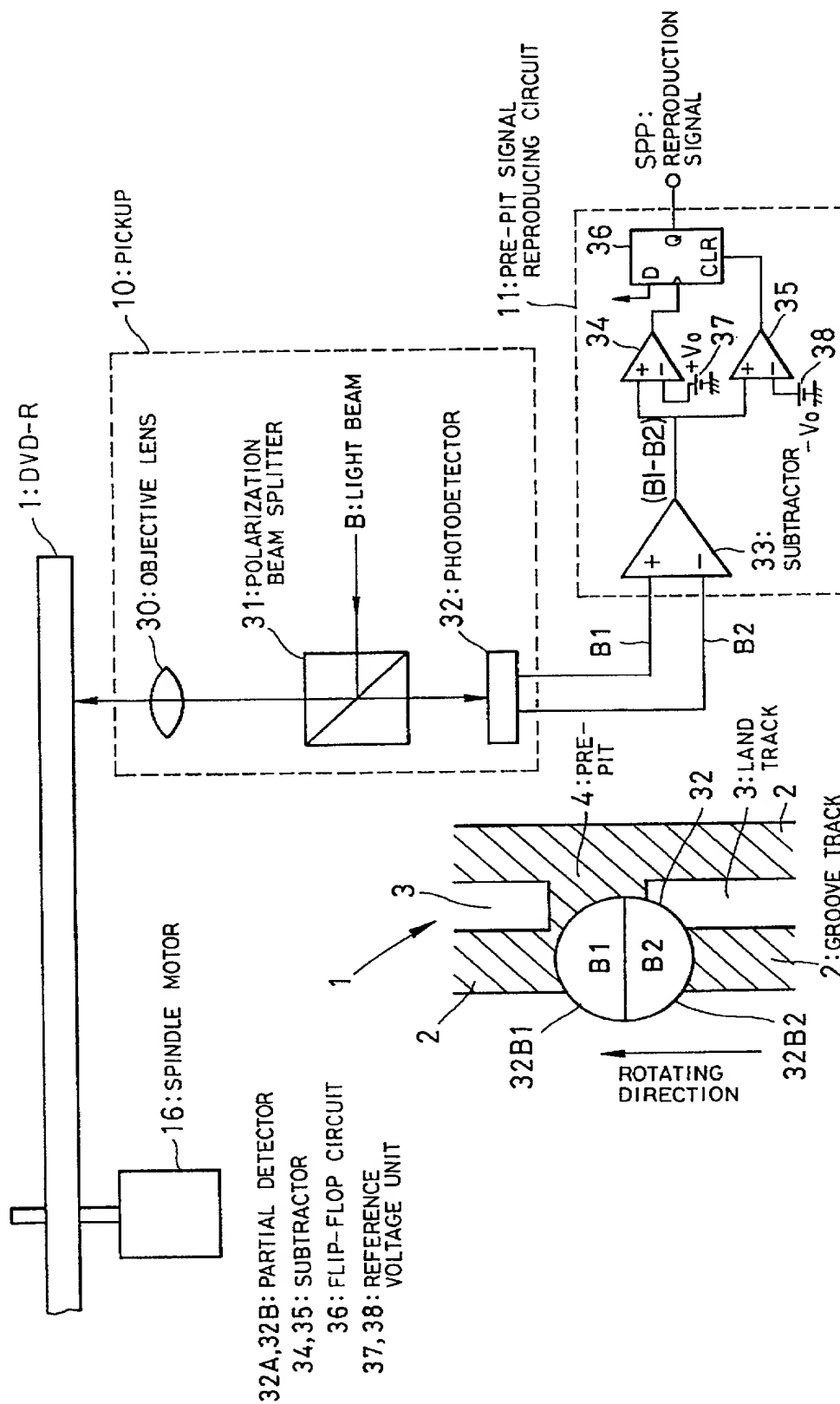
SCHEMATIC CONSTRUCTION OF PICKUP AND PRE-PIT
SIGNAL GENERATOR OF EMBODIMENT

FIG. 6A

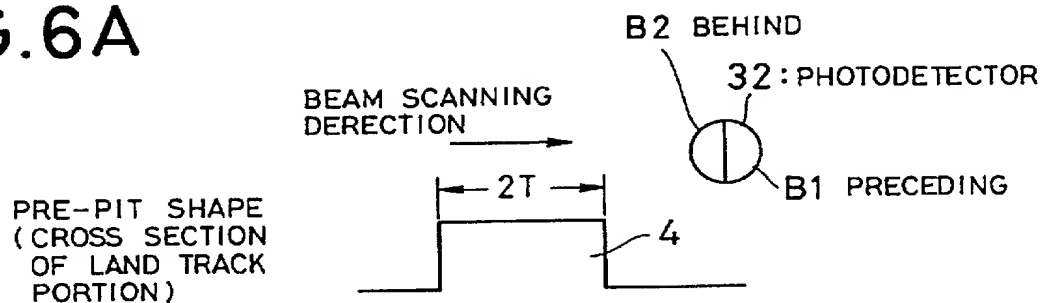


FIG. 6B

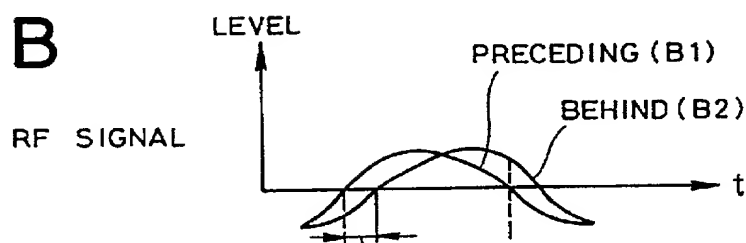


FIG. 6C

TANGENTIAL AND
PUSH-PULL SIGNAL
(-)

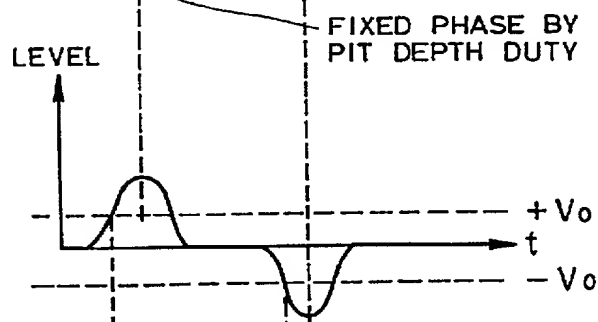


FIG. 6D

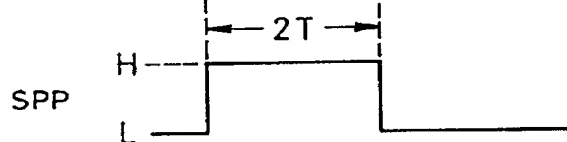


FIG. 7

PHASE COMPARING CIRCUIT 14

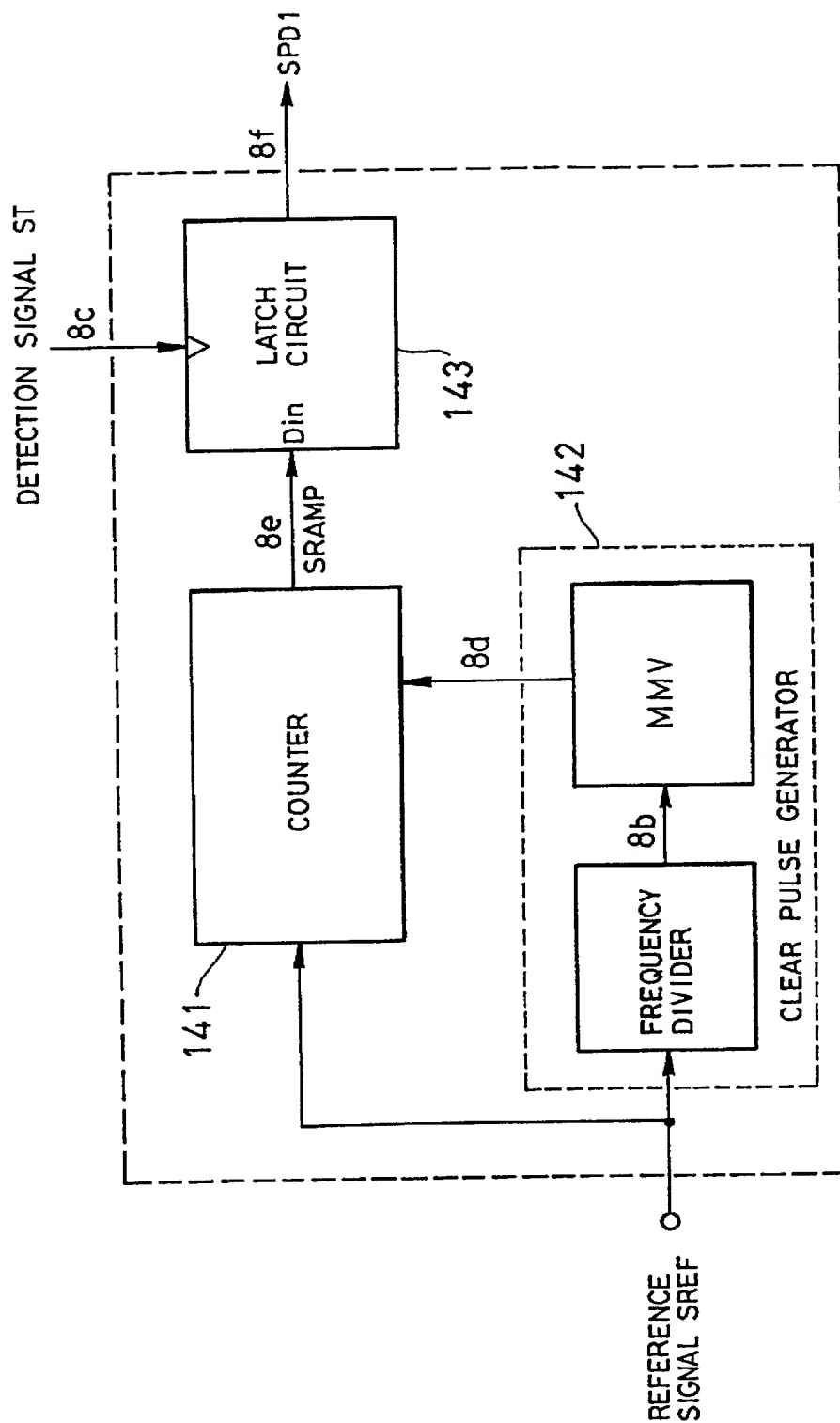
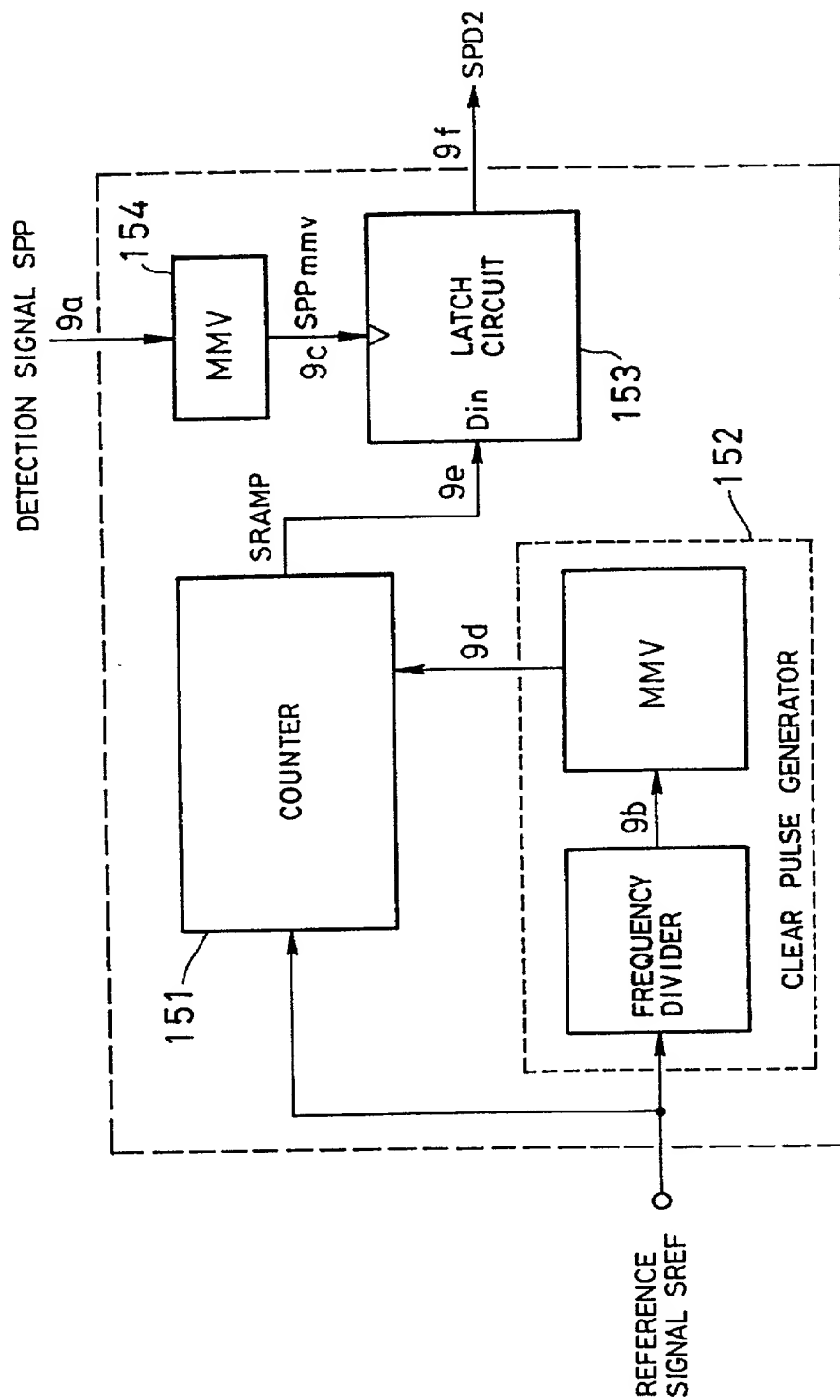
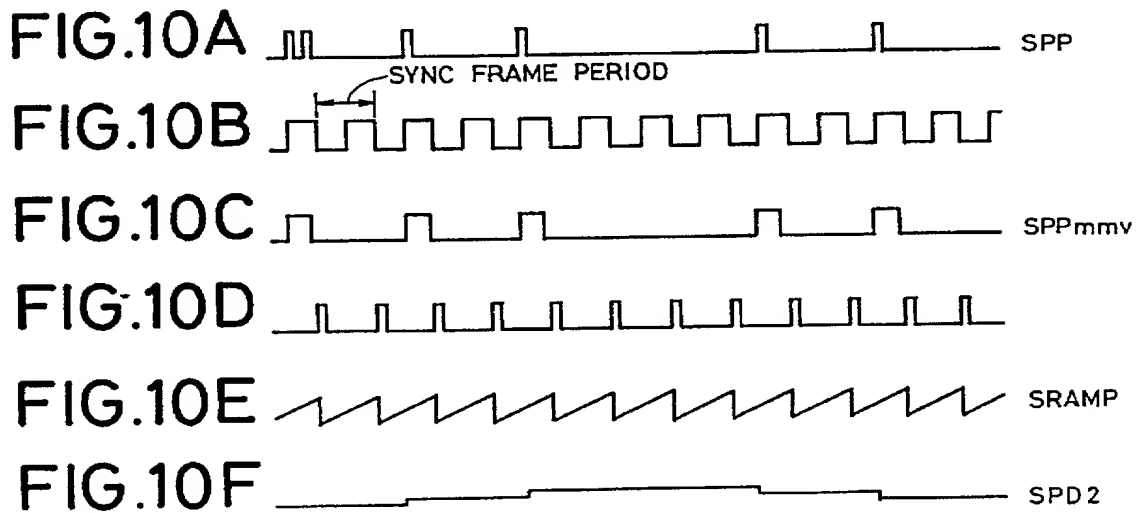
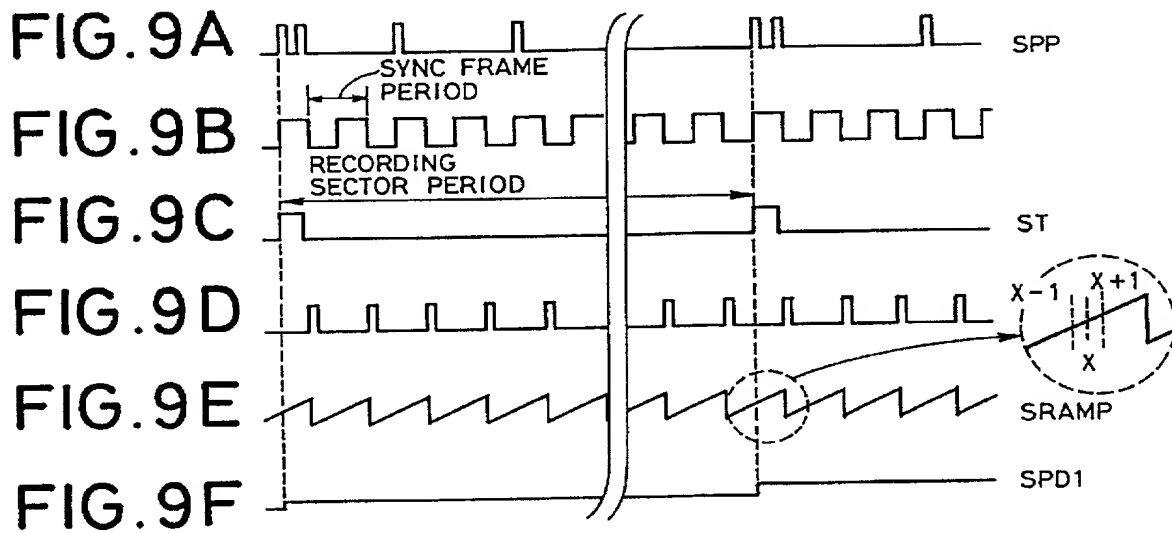


FIG. 8

PHASE COMPARING CIRCUIT 15





Mean of dependent variable		Standard deviation		Minimum		Maximum	
Dependent variable	Mean	Standard deviation	Minimum	Maximum	Dependent variable	Mean	Standard deviation
1. Age	34.5	10.5	20	55	1. Age	34.5	10.5
2. Sex	1.0	0.0	1	1	2. Sex	1.0	0.0
3. Education	12.5	2.5	9	16	3. Education	12.5	2.5
4. Income	1.5	0.5	1	2	4. Income	1.5	0.5
5. Health	1.0	0.0	1	1	5. Health	1.0	0.0
6. Family size	3.0	1.0	1	5	6. Family size	3.0	1.0
7. Social capital	1.0	0.0	1	1	7. Social capital	1.0	0.0
8. Trust	1.0	0.0	1	1	8. Trust	1.0	0.0
9. Civic participation	1.0	0.0	1	1	9. Civic participation	1.0	0.0
10. Volunteerism	1.0	0.0	1	1	10. Volunteerism	1.0	0.0
11. Political participation	1.0	0.0	1	1	11. Political participation	1.0	0.0
12. Social capital	1.0	0.0	1	1	12. Social capital	1.0	0.0
13. Trust	1.0	0.0	1	1	13. Trust	1.0	0.0
14. Civic participation	1.0	0.0	1	1	14. Civic participation	1.0	0.0
15. Volunteerism	1.0	0.0	1	1	15. Volunteerism	1.0	0.0
16. Political participation	1.0	0.0	1	1	16. Political participation	1.0	0.0
17. Social capital	1.0	0.0	1	1	17. Social capital	1.0	0.0
18. Trust	1.0	0.0	1	1	18. Trust	1.0	0.0
19. Civic participation	1.0	0.0	1	1	19. Civic participation	1.0	0.0
20. Volunteerism	1.0	0.0	1	1	20. Volunteerism	1.0	0.0
21. Political participation	1.0	0.0	1	1	21. Political participation	1.0	0.0
22. Social capital	1.0	0.0	1	1	22. Social capital	1.0	0.0
23. Trust	1.0	0.0	1	1	23. Trust	1.0	0.0
24. Civic participation	1.0	0.0	1	1	24. Civic participation	1.0	0.0
25. Volunteerism	1.0	0.0	1	1	25. Volunteerism	1.0	0.0
26. Political participation	1.0	0.0	1	1	26. Political participation	1.0	0.0
27. Social capital	1.0	0.0	1	1	27. Social capital	1.0	0.0
28. Trust	1.0	0.0	1	1	28. Trust	1.0	0.0
29. Civic participation	1.0	0.0	1	1	29. Civic participation	1.0	0.0
30. Volunteerism	1.0	0.0	1	1	30. Volunteerism	1.0	0.0
31. Political participation	1.0	0.0	1	1	31. Political participation	1.0	0.0
32. Social capital	1.0	0.0	1	1	32. Social capital	1.0	0.0
33. Trust	1.0	0.0	1	1	33. Trust	1.0	0.0
34. Civic participation	1.0	0.0	1	1	34. Civic participation	1.0	0.0
35. Volunteerism	1.0	0.0	1	1	35. Volunteerism	1.0	0.0
36. Political participation	1.0	0.0	1	1	36. Political participation	1.0	0.0
37. Social capital	1.0	0.0	1	1	37. Social capital	1.0	0.0
38. Trust	1.0	0.0	1	1	38. Trust	1.0	0.0
39. Civic participation	1.0	0.0	1	1	39. Civic participation	1.0	0.0
40. Volunteerism	1.0	0.0	1	1	40. Volunteerism	1.0	0.0
41. Political participation	1.0	0.0	1	1	41. Political participation	1.0	0.0
42. Social capital	1.0	0.0	1	1	42. Social capital	1.0	0.0
43. Trust	1.0	0.0	1	1	43. Trust	1.0	0.0
44. Civic participation	1.0	0.0	1	1	44. Civic participation	1.0	0.0
45. Volunteerism	1.0	0.0	1	1	45. Volunteerism	1.0	0.0
46. Political participation	1.0	0.0	1	1	46. Political participation	1.0	0.0
47. Social capital	1.0	0.0	1	1	47. Social capital	1.0	0.0
48. Trust	1.0	0.0	1	1	48. Trust	1.0	0.0
49. Civic participation	1.0	0.0	1	1	49. Civic participation	1.0	0.0
50. Volunteerism	1.0	0.0	1	1	50. Volunteerism	1.0	0.0
51. Political participation	1.0	0.0	1	1			

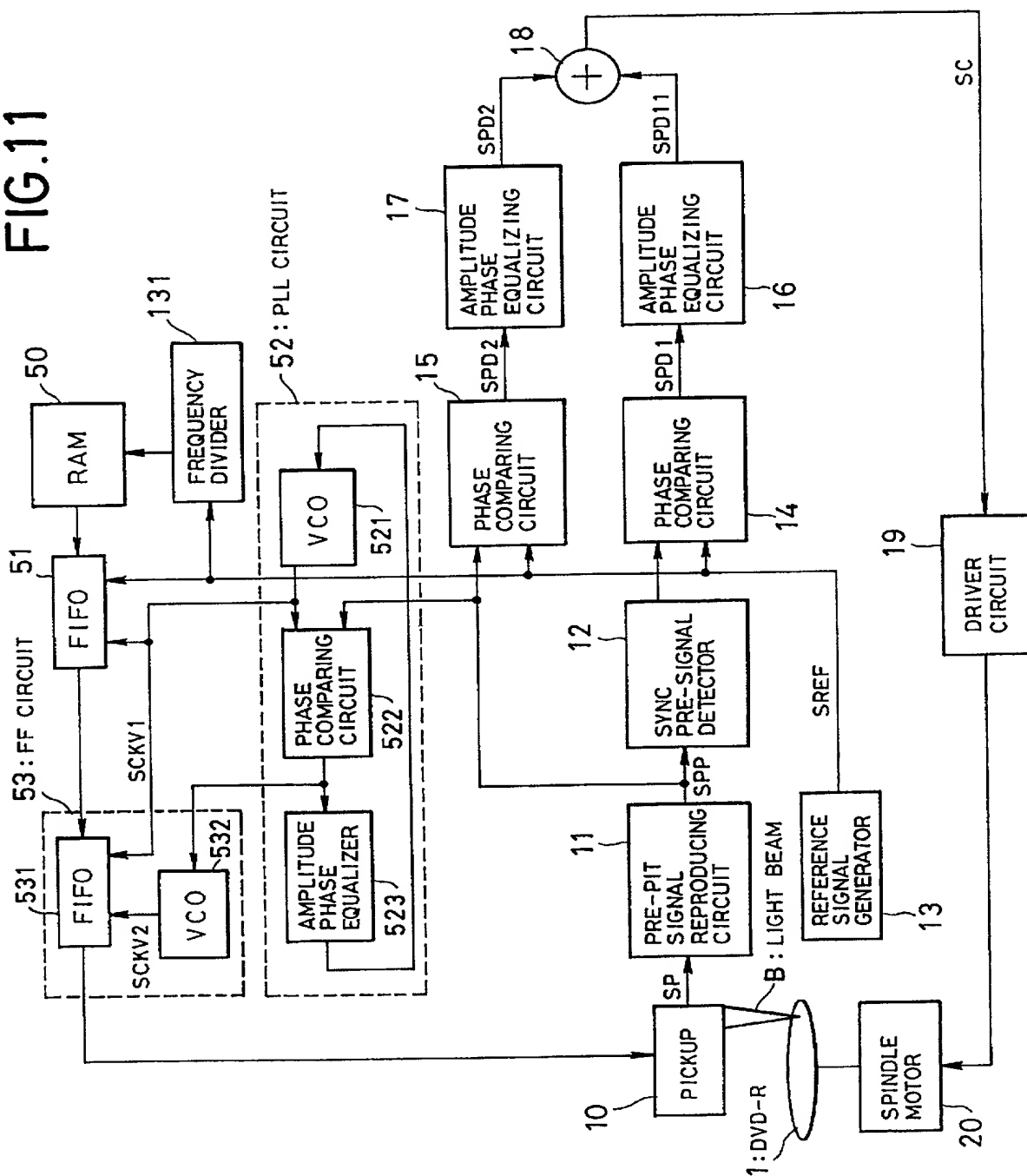


FIG. 12

PHASE COMPARING CIRCUIT 522

